

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/575,915
Source: 1FWD
Date Processed by STIC: 3/14/07

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RAW SEQUENCE LISTING

DATE: 03/14/2007

PATENT APPLICATION: US/10/575,915

TIME: 10:59:41

Input Set : A:\41943.txt

Output Set: N:\CRF4\03142007\J575915.raw

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3 <110> APPLICANT: Wallach et al.
5 <120> TITLE OF INVENTION: Use of Caspase-8 Inhibitors for Modulating Hematopoiesis
7 <130> FILE REFERENCE: 30694/41943
9 <140> CURRENT APPLICATION NUMBER: US 10/575,915
10 <141> CURRENT FILING DATE: 2006-04-14
12 <150> PRIOR APPLICATION NUMBER: PCT/IL2004/000977
13 <151> PRIOR FILING DATE: 2004-10-26
15 <150> PRIOR APPLICATION NUMBER: IL 158599
16 <151> PRIOR FILING DATE: 2003-10-26
18 <160> NUMBER OF SEQ ID NOS: 23
20 <170> SOFTWARE: PatentIn version 3.3
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 20
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Single strand synthetic DNA oligonucleotide
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31 agctggctgg tggcagatgg                                     20
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 20
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Single strand synthetic DNA oligonucleotide
42 <400> SEQUENCE: 2
43 cgttgatgcc ggtgaacgtg                                     20
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 25
48 <212> TYPE: DNA
49 <213> ORGANISM: Artificial sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Single strand synthetic DNA oligonucleotide
54 <400> SEQUENCE: 3
55 tagcctcttt ggggttggtc tactg                               25
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 25
60 <212> TYPE: DNA
61 <213> ORGANISM: Artificial sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Single strand synthetic DNA oligonucleotide
66 <400> SEQUENCE: 4
67 tggggcttcg tttagtctct acttc                               25

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70 <210> SEQ ID NO: 5
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72 <212> TYPE: DNA
73 <213> ORGANISM: Artificial sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Single strand synthetic DNA oligonucleotide
78 <400> SEQUENCE: 5
79 tagcctcttt ggggttggtc tactg                                25
82 <210> SEQ ID NO: 6
83 <211> LENGTH: 25
84 <212> TYPE: DNA
85 <213> ORGANISM: Artificial sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Single strand synthetic DNA oligonucleotide
90 <400> SEQUENCE: 6
91 tagcctcttt ggggttggtc tactg                                25
94 <210> SEQ ID NO: 7
95 <211> LENGTH: 36
96 <212> TYPE: DNA
97 <213> ORGANISM: Artificial sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: Single strand synthetic DNA oligonucleotide
102 <400> SEQUENCE: 7
103 cgcggtcgac ttatcaagag gtagaagagc tgtaac                    36
106 <210> SEQ ID NO: 8
107 <211> LENGTH: 24
108 <212> TYPE: DNA
109 <213> ORGANISM: Artificial sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Single strand synthetic DNA oligonucleotide
114 <400> SEQUENCE: 8
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118 <210> SEQ ID NO: 9
119 <211> LENGTH: 22
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Single strand synthetic DNA oligonucleotide
126 <400> SEQUENCE: 9
127 ggaaacaagc tggtagctga ca                                  22
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131 <211> LENGTH: 21
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Single strand synthetic DNA oligonucleotide
138 <400> SEQUENCE: 10
139 cctgggtcaa cacaagatgc t                                  21
142 <210> SEQ ID NO: 11

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143 <211> LENGTH: 20
144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Single strand synthetic DNA oligonucleotide
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154 <210> SEQ ID NO: 12
155 <211> LENGTH: 20
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Single strand synthetic DNA oligonucleotide
162 <400> SEQUENCE: 12
163 gtgccagact cctccttgct 20
166 <210> SEQ ID NO: 13
167 <211> LENGTH: 21
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial sequence
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172 <223> OTHER INFORMATION: Single strand synthetic DNA oligonucleotide
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176 <221> NAME/KEY: misc_feature
177 <222> LOCATION: (1)..(1)
178 <223> OTHER INFORMATION: 6-FAM (6-carboxy-fluorescein) conjugated nucleotide
180 <220> FEATURE:
181 <221> NAME/KEY: misc_feature
182 <222> LOCATION: (21)..(21)
183 <223> OTHER INFORMATION: MGB(minor groove binder) conjugated nucleotide
185 <400> SEQUENCE: 13
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189 <210> SEQ ID NO: 14
190 <211> LENGTH: 16
191 <212> TYPE: DNA
192 <213> ORGANISM: Artificial sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Single strand synthetic DNA oligonucleotide
198 <220> FEATURE:
199 <221> NAME/KEY: misc_feature
200 <222> LOCATION: (1)..(1)
201 <223> OTHER INFORMATION: 6-FAM (6-carboxy-fluorescein) conjugated nucleotide
203 <220> FEATURE:
204 <221> NAME/KEY: misc_feature
205 <222> LOCATION: (16)..(16)
206 <223> OTHER INFORMATION: MGB(minor groove binder) conjugated nucleotide
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209 accagaaccg agcaaa 16
212 <210> SEQ ID NO: 15
213 <211> LENGTH: 64

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214 <212> TYPE: DNA
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217 <220> FEATURE:
218 <223> OTHER INFORMATION: SiRNA sense oligonucleotide
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223 gaaa                                                                    64
226 <210> SEQ ID NO: 16
227 <211> LENGTH: 64
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: SiRNA anti-sense oligonucleotide
234 <400> SEQUENCE: 16
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237 cggg                                                                    64
240 <210> SEQ ID NO: 17
241 <211> LENGTH: 34
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Single strand synthetic DNA oligonucleotide
248 <400> SEQUENCE: 17
249 ataacttcgt atagcataca ttatacgaag ttat                                34
252 <210> SEQ ID NO: 18
253 <211> LENGTH: 34
254 <212> TYPE: DNA
255 <213> ORGANISM: Artificial sequence
257 <220> FEATURE:
258 <223> OTHER INFORMATION: Single strand synthetic DNA oligonucleotide
260 <400> SEQUENCE: 18
261 ataacttcgt ataatgtatg ctatacgaag ttat                                34
264 <210> SEQ ID NO: 19
265 <211> LENGTH: 1975
266 <212> TYPE: DNA
267 <213> ORGANISM: Mus musculus
269 <400> SEQUENCE: 19
270 ctaaacattc ggaggcattt ctgtccccta tgccctagtt ctctcagttg tctttcattc      60
272 tgacttcggt gcttaaaagt ccagcttctc ggaatcggtg gcaaacctct gtgagccggc      120
274 gtggaacagg aagtgagtag agttctgggg agcgccggcc cgggctggag gctcggaaaag      180
276 cccaagccag cggaggcctc gcccagagctg gagttgtgac cggcgcgcca ggtactcggc      240
278 cacaggttac agctcttcta cctcttgata agaatggatt tccagagttg tctttatgct      300
280 attgctgaag aactgggcag tgaagacctg gctgccctca agttcctgtg cttggactac      360
282 atcccacaca agaagcagga gaccatcgag gatgcccaag agctatttct gaggctgcgg      420
284 gaaaaggggg tggtggagga aggcaatctg tctttcctga aagagctgct tttccacatc      480
286 agtcggtggg acctgctggt caacttctta gactgcaacc gagaggagat ggtgagagag      540
288 ctgcgggatc cagacaatgc ccagatttct ccctacaggg tcatgctctt taagctctca      600
290 gaagaagtga gcgagttgga attgagatct tttaagttcc ttttgaacaa tgagatcccc      660
292 aaatgtaagc tggaagatga cttgagcctg cttgaaattt ttgtagaaat ggagaagagg      720

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294 accatgctgg cagaaaataa cttggaaacc ctaaaatcaa tctgtgacca ggtcaacaag      780
296 agcctgctgg ggaagatcga ggattatgaa agatcaagca cagagagaag aatgagcctt      840
298 gaaggaaggg aagagttgcc accttcagtt ttggatgaga tgagcctcaa aatggcggaa      900
300 ctgtgtgact cgccaagaga acaagacagt gagtcacgga cttcagacaa agttttaccaa      960
302 atgaagaaca aacctcgggg atactgtctg atcatcaaca atcatgattt cagcaaggcc     1020
304 cggaagaca taaccaact ccgaaaaatg aaggacagaa aaggaacaga ctgtgataaa     1080
306 gaggtctctga gtaagacctt taaggagctt cattttgaga tagtatctta cgacgactgc     1140
308 actgcaaata aaatccacga gattctagaa ggctaccaa gcgcagacca caagaacaaa     1200
310 gactgcttca tctgctgtat cctatcccac ggtgacaagg gtgtcgtcta tggaacggat     1260
312 gggaaggagg cctccatcta tgacctgaca tcttacttca ctggttcaaa gtgcccttcc     1320
314 ctgtctggga aaccaagat ctttttcatt caggcttgcc aaggaagtaa cttccagaaa     1380
316 ggagtgcctg atgaggcagg cttcgagcaa cagaaccaca ctttagaagt ggattcatca     1440
318 tctcacaaga actatattcc ggatgaggca gactttctgc tgggaatggc tacgggtgaag     1500
320 aactgcgttt cctaccgaga tcctgtgaat ggaacctggt atattcagtc actttgccag     1560
322 agcctgaggg aaagatgtcc tcaaggagat gacattctta gcacctgac tggcgtgaac     1620
324 tatgacgtga gcaataaaga cgacaggagg aacaagggaa agcagatgcc acagcccacc     1680
326 ttcacactac ggaagaagct cttcttcctt ccctaattgat gtgtgctctc cacagttcac     1740
328 atggcttata tgtgcacttt tgtgtggatg agtctaattt attttttaga atttcttttg     1800
330 cttttgaatt tacatttaca taattttccc ttttcttccc tttaaacctt tctttgttat     1860
332 gttccaattt caatacatg gcctcttttc tcattaactg ttgtacacac acatacatac     1920
334 acacacacac acacacacac acattttctaa atataacctg tatactatca cttgt      1975

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337 <210> SEQ ID NO: 20

338 <211> LENGTH: 420

339 <212> TYPE: PRT

340 <213> ORGANISM: Homo sapiens

342 <400> SEQUENCE: 20

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344 Ser Phe Leu Lys Glu Leu Leu Phe Arg Ile Asn Arg Leu Asp Leu Leu
345 1          5          10          15
348 Ile Thr Tyr Leu Asn Thr Arg Lys Glu Glu Met Glu Arg Glu Leu Gln
349          20          25          30
352 Thr Pro Gly Arg Ala Gln Ile Ser Ala Tyr Arg Val Met Leu Tyr Gln
353          35          40          45
356 Ile Ser Glu Glu Val Ser Arg Ser Glu Leu Arg Ser Phe Lys Phe Leu
357          50          55          60
360 Leu Gln Glu Glu Ile Ser Lys Cys Lys Leu Asp Asp Asp Met Asn Leu
361 65          70          75          80
364 Leu Asp Ile Phe Ile Glu Met Glu Lys Arg Val Ile Leu Gly Glu Gly
365          85          90          95
368 Lys Leu Asp Ile Leu Lys Arg Val Cys Ala Gln Ile Asn Lys Ser Leu
369          100         105         110
372 Leu Lys Ile Ile Asn Asp Tyr Glu Glu Phe Ser Lys Glu Arg Ser Ser
373          115         120         125
376 Ser Leu Glu Gly Ser Pro Asp Glu Phe Ser Asn Gly Glu Glu Leu Cys
377          130         135         140
380 Gly Val Met Thr Ile Ser Asp Ser Pro Arg Glu Gln Asp Ser Glu Ser
381 145         150         155         160
384 Gln Thr Leu Asp Lys Val Tyr Gln Met Lys Ser Lys Pro Arg Gly Tyr
385          165         170         175
388 Cys Leu Ile Ile Asn Asn His Asn Phe Ala Lys Ala Arg Glu Lys Val

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/575,915

DATE: 03/14/2007
TIME: 10:59:42

fyI
Input Set : A:\41943.txt
Output Set: N:\CRF4\03142007\J575915.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:22; Xaa Pos. 339

VERIFICATION SUMMARY

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TIME: 10:59:42

Input Set : A:\41943.txt

Output Set: N:\CRF4\03142007\J575915.raw

L:652 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:336